State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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January 9, 2001

TO: Minerals File

FROM: Doug Jensen, Senior Reclamation Specialist

RE: Site Inspection, North Lily Mining Company, Tintic Project, M/023/007, Juab County, Utah

Date of Inspection: January 8, 2001
Time of Inspection: 10:00 AM
Conditions: Clear & Cool
Participants: Elwin Ewell, North Lily Mining, Beth Wondimu, DWQ, Doug Jensen, DOGM

Purpose of Inspection: Check site conditions prior to January 9th tele-conference.

Elwin was at the site when we arrived. We walked the site to check changes that had taken place since my December 18th site visit. At the time of the visit the preg pond level was approximately 60% of capacity and the overflow pond had approximately two to two and a half feet of solution stored in it.

Because the level of the preg pond was getting to high during my last visit, I approved transferring some of the solution from the preg pond to the overflow pond. This was fortunate because on January 2nd the site had a power bump which shutdown the mister pump. Because the pump was down for a while it is very likely that the line supplying water to the mister system was frozen. Because some of the solution has been removed from the preg pond, restarting the pump is not critical. Not running the pump for a while will allow the "ice castles" to melt. This will make the mister system more effective when conditions allow North Lily to restart the pumping system.

I checked the flow through the weir in the ditch entering the preg pond. The level read .07' which equates to a flow of 4.92 gpm. Closer examination revealed the there was a piece of plastic in the weir that was affecting the measurement. With this plastic removed the measurement was .06', which equates to 3.37 gpm. At this flow rate there should be sufficient capacity in the preg pond to store solution for several months before any pumps would need to be restarted.

A ditch system has been placed around the regraded pad. These ditches were constructed to carry away any water which may flow off the heap during a major storm event.

The containerized hazardous waste material that was in the process building during my December 18th visit is still on site. Elwin was not aware of any schedule to remove it.

We inspected the area immediately below the oil storage shed where a total of four additional new pits had been dug to test the percolation rates in this area. Elwin stated that the percolation rates were good in this new area.

The fence on the west side of the heap that had been taken down during the resloping of the heap has been replaced. Two parallel silt fences have been placed on the heap above the preg pond. These were placed in this area to keep silt from washing into the preg pond should a spring storm cause some erosion.

There was no snow on the heap at the time of the visit. The site did not look like there had been any precipitation since my last site visit.

After we viewed the heap from above the site, we returned to Salt Lake.

jb
cc: Steve Fletchner, NLMC
Bob Bayer, JBR
Beth Wondimu, DWQ
Mary Ann Wright, DOGM
Wayne Hedberg, DOGM
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